

Claims

5 1. A method for tail threading in a paper machine or a similar, in which tail threading is carried out in stages:

- the web (w) is guided to the broke treatment at a selected dryer (C1),

- a cut (11) is formed in the web (w) to separate a narrow tail 10 (A) from the rest of the web, i.e. the broke web (B), before the said dryer (c1),

- the tail (A) is guided from the selected dryer (c1) to the following section while the broke web (B) is transferred further to the broke treatment,

15 - while travelling in a controlled manner, the tail (A) is widened to the full width and the broke web (B) is simultaneously reduced away,

characterized in that at least during the widening operation, preferably also prior to the widening operation, the edge 20 opposite to the cut (B') of the broke web is turned away from the cutting point in order to form an open draw (C) between the tail (A) and the broke web (B).

2. A method as set forth in claim 1, characterized in that 25 turning of the said edge (B') is carried out by means of a blow (23, 24) after cutting.

3. A device for tail threading in the paper machine dryer section comprising of

30 - a cutter (22), which cuts at least one tail (A) from the full-width web (w) prior to the selected dryer (C1) while the remaining part forms the broke web (B),

- elements for guiding the tail (A) forward from the selected dryer (C1),

35 - elements for removing the broke web (B) from the selected dryer (C1), typically to a pulper located underneath,

- elements for widening the tail (A) to a full-width web, characterized in that

the cutter (22) includes blow equipment (23, 24) located after the cutter in the web travel direction for turning the broke web 5 (B) edge (B') away from the cutting point and for forming an open draw (C) between the tail (A) and the broke web (B).

4. A device as set forth in claim 3, characterized in that the blow equipment comprises of a compressed air nozzle (23), which 10 is set in an angle of 30E - 70E with respect to the web (w) perpendicular.

5. A device as set forth in claim 4, characterized in that the blow equipment includes a second compressed air nozzle (24), 15 which has been set at an angle of 55E - 85E in the web travel direction after the first nozzle.

6. A device as set forth in any of the claims 3 - 5, characterized in that the selected dryer (C1) is provided with a suction 20 box (18), adjustable in the cross-machine direction, on the side of the opening gap.

7. A device as set forth in any of the claims 3 - 5, characterized in that the selected dryer (C1) is provided with second blow 25 equipment in the opening gap for detaching the tail (A) from the dryer to the fabric.

8. A device as set forth in any of the claims 3 - 6, characterized in that after the selected dryer (C1) there is provided a 30 third set of blow equipment (19) in connection with the web for peeling the broke web off the web, should it start to follow the tail.

9. A device as set forth in any of the claims 3 - 8, characterized in that the blow equipment (23, 24) is located in the 35 straight section of the web (w).